

**Customer No. 27061**  
Confirmation No. 5328

Patent  
Attorney Docket No. GEMS8081.221

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application : Hoffman et al.  
of

Serial No. : 10/711,329

Filed : September 10, 2004

For : METHOD AND SYSTEM OF DYNAMICALLY  
CONTROLLING SHAPING TIME OF A PHOTON  
COUNTING ENERGY-SENSITIVE RADIATION  
DETECTOR TO ACCOMMODATE VARIATIONS IN  
INCIDENT RADIATION FLUX LEVELS

Group Art No. : 2882

Examiner : Hoon K. Song

---

**CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10**

I hereby certify that, on the date shown below, this correspondence is being:

**Mailing**

deposited with the US Postal Service in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

**37 CFR 1.8(a)**

with sufficient postage as first class mail       As "Express Mail Post Office to Addressee" Mailing Label No.

**Transmission**

transmitted by facsimile to Fax No.: 571-273-8300 addressed to Examiner Cindy Nguyen at the Patent and Trademark Office.

transmitted by EFS-WEB addressed to Examiner Cindy Nguyen at the Patent and Trademark Office.

Date: March 3, 2006

/Jessica A. Calaway/  
Signature

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT/RESPONSE TO OFFICE ACTION**  
**MAILED JANUARY 26, 2006**

Dear Sir:

Responsive to the Office Action mailed January 26, 2006, please amend the Application as follows: